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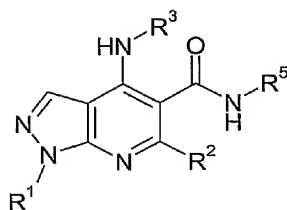
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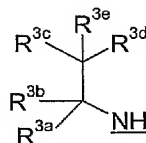
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(54) Title: PYRAZOLO[3,4-*b*]PYRIDINE COMPOUNDS, AND THEIR USE AS PDE4 INHIBITORS



(I)



(nhr3)

(57) Abstract: The invention relates to a compound of formula (I) or a salt thereof: formula (I) wherein: R¹ is Et, n-Pr, i-Pr, C₂fluoroalkyl, or -CH₂CH₂OH; R² is H, Me, Et, n-Pr, i-Pr, C₁₋₂fluoroalkyl, cyclopropyl or (cyclopropyl)methyl-; and NHR³ has the sub-formula (nhr3): formula (nhr3) wherein R^{3a} is methyl or ethyl; R^{3b} is H, methyl or ethyl; R^{3c} is H, methyl or ethyl, R^{3d} is H, methyl or ethyl, and R^{3e} is H or methyl, provided that: (a) R^{3b} is methyl or ethyl; and/or (b) R^{3c} and R^{3d} are independently methyl or ethyl; and provided that: (c) when R^{3c} is ethyl and/or when R^{3d} is ethyl and/or when R^{3e} is methyl, then: R^{3a} is methyl and/or UG R^{3b} is a hydrogen atom (H) or methyl. NHR³ can for example be [(1S)-1,2-dimethylpropyl]amino or t-butylamino. The invention also relates to the use of these pyrazolo[3,4-*b*]pyridine compounds in therapy, as inhibitors of phosphodiesterase type IV (PDE4), and relates to their use in the treatment and/or prophylaxis of inflammatory and/or allergic diseases such as chronic obstructive pulmonary disease (COPD), asthma, rheumatoid arthritis or allergic rhinitis.



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